

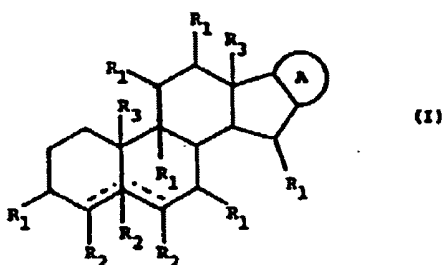
## ATTACHMENT A

### Amendment to the Claims

*This listing of claims will replace all prior versions, and listings, of claims in the application, and any claims canceled hereby are canceled without prejudice:*

1-23. (Canceled)

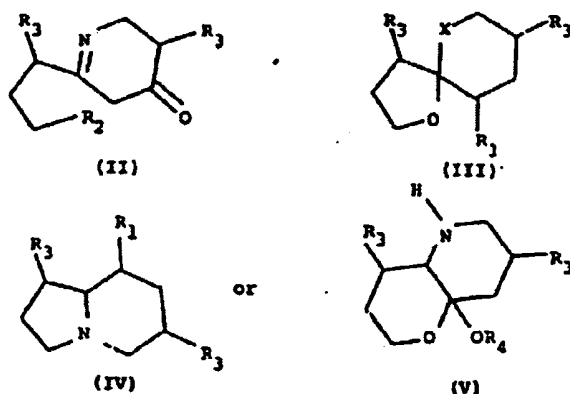
24. (New) A method of preparing a glycoalkaloid preparation which comprises at least one glycoalkaloid of the general formula I:



wherein:

either one of the dotted lines represents a double bond, and the other a single bond,  
or both represent single bonds;

A: represents a radical selection from the following radicals of general formulae (II)  
to (V):



Each of  $R^1$  is a radical separately selected from the group consisting of hydrogen, amino, oxo and  $OR^4$ ; each of  $R^2$  is a radical separately selected from the group consisting of hydrogen, amino and  $OR^4$ ; each of  $R^3$  is a radical separately selected from the group consisting of hydrogen, alkyl and  $R^4O$ -alkylene; each of  $R^4$  is a radical separately selected from the group consisting of hydrogen, carbohydrate and a carbohydrate derivative; "X" is a radical selected from the group comprising  $-CH_2-$ ,  $-O-$  and  $-NH-$ ;

wherein the compound includes at least one  $R^4$  group in which  $R^4$  is a carbohydrate or a derivative thereof;

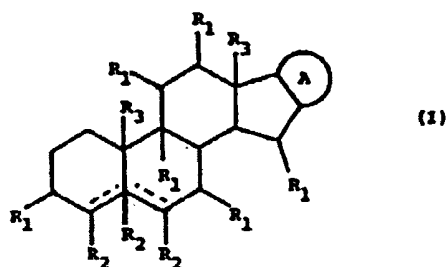
the method including the step of removing essentially all free sugars derived from the glycoalkaloid from the preparation.

25. (New) The method of claim 24 wherein  $R^4$  is selected from the group consisting of glyceric aldehyde; glycerose; erythrose; threose; ribose; arabinose; xylose; lyxose; altrose; allose; gulose; mannose; glucose; idose; galactose; talose; rhamnose; dihydroxyactone; erythrulose; ribulose; xylulose; psicose; fructose; sorbose; tagatose; and other hexoses ( $C_6H_{12}O_6$ ); heptoses ( $C_7H_{14}O_7$ ); octoses ( $C_8H_{16}O_8$ ); nanoses ( $C_9H_{18}O_9$ ); decoses ( $C_{10}H_{20}O_{10}$ ); deoxysugars with branched chains; compounds wherein the aldehyde, ketone or hydroxyl groups have been substituted (eg. N-acetyl, acetyl, methyl, replacement of  $CH_2OH$ );

sugar alcohols; sugar acids; benzimidazoles; the enol salts of the carbohydrates; saccharinic acids; sugar phosphates.

26. (New) The method of claim 24 wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
27. (New) The method of claim 24 wherein the free sugar is rhamnose, or a disaccharide, trisaccharide, oligosaccharide or polysaccharide having rhamnose as a sugar moiety thereof.
28. (New) The method claim 24 wherein the preparation is also treated to remove any aglycone therefrom.
29. (New) The method of claim 24 wherein essentially all the free sugars are removed from the preparation by washing the extract with an aqueous solvent.
30. (New) The method of claim 28 wherein the aglycone is removed from the preparation by washing the preparation with an chlorinated hydrocarbon solvent.
31. (New) The method of claim 30 wherein chlorinated hydrocarbon is chloroform.
32. (New) The method of claim 24 wherein a time period of at least about 7 days has elapsed between the extraction and removal steps.
33. (New) A glycoalkaloid preparation produced according to the method of claim 24.
34. (New) A medicinal composition comprising a glycoalkaloid preparation according to claim 33 and a pharmaceutically acceptable carrier, adjuvant, excipient and/or diluent.

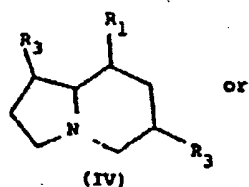
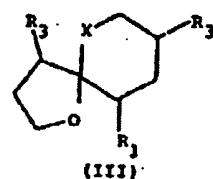
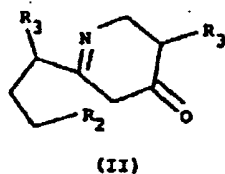
35. (New) The composition of claim 34, wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
36. (New) The composition of claim 34, wherein the at least one glycoalkaloid is BEC.
37. (New) The composition of claim 34 in a form suitable for topical administration.
38. (New) The composition of claim 34, which includes between at least about 0.001% to about 5% wt of the at least one glycoalkaloid.
39. (New) The composition of claim 34, which is in a form suitable for administration by injection.
40. (New) The composition of claim 39, which includes a liquid carrier selected from the group consisting of DMSO, acetic acid and lactic acid.
41. (New) The composition of claim 34, which includes a stabilizing agent for stabilizing the at least one glycoalkaloid.
42. (New) A method for the treatment or control of cancer in a mammal requiring such treatment, the method comprising administering to said mammal an effective amount of the medicinal composition of claim 34.
43. (New) A method of preparing a glycoalkaloid preparation which comprises at least one glycoalkaloid of the general formula I:



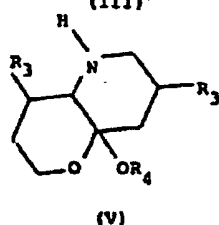
wherein:

either one of the dotted lines represents a double bond, and the other a single bond, or both represent single bonds;

$A$ : represents a radical selection from the following radicals of general formulae (II) to (V):



or



Each of  $R^1$  is a radical separately selected from the group consisting of hydrogen, amino, oxo and  $OR^4$ ; each of  $R^2$  is a radical separately selected from the group consisting of hydrogen, amino and  $OR^4$ ; each of  $R^3$  is a radical separately selected from the group consisting of hydrogen, alkyl and  $R^4O$ -alkylene; each of  $R^4$  is a radical separately selected from the group consisting of hydrogen, carbohydrate and a carbohydrate derivative; "X" is a radical selected from the group comprising  $-CH_2-$ ,  $-O-$  and  $-NH-$ ;

wherein the compound includes at least one R<sup>4</sup> group in which R<sup>4</sup> is a carbohydrate or a derivative thereof;

the method including extracting the at least one glycoalkaloid from a suitable plant material to form an extract and removing essentially all free sugars derived from the glycoalkaloid from the extract.

44. (New) The method of claim 43, wherein R<sup>4</sup> is selected from the group consisting of glyceric aldehyde; glycerose; erythrose; threose; ribose; arabinose; xylose; lyxose; altrose; allose; gulose; mannose; glucose; idose; galactose; talose; rhamnose; dihydroxyactone; erythrulose; ribulose; xylulose; psicose; fructose; sorbose; tagatose; and other hexoses (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>); heptoses (C<sub>7</sub>H<sub>14</sub>O<sub>7</sub>); octoses (C<sub>8</sub>H<sub>16</sub>O<sub>8</sub>); nanoses (C<sub>9</sub>H<sub>18</sub>O<sub>9</sub>); decoses (C<sub>10</sub>H<sub>20</sub>O<sub>10</sub>); deoxysugars with branched chains; compounds wherein the aldehyde, ketone or hydroxyl groups have been substituted (eg. N-acetyl, acetyl, methyl, replacement of CH<sub>2</sub>OH); sugar alcohols; sugar acids; benzimidazoles; the enol salts of the carbohydrates; saccharinic acids; sugar phosphates.
45. (New) The method of claim 43, wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
46. (New) The method of claim 43 wherein the plant material is from a plant of the *Solanum* genus.
47. (New) The method of claim 43, wherein the extract is BEC.
48. (New) The method of claim 43, wherein the free sugar is rhamnose, or a disaccharide, trisaccharide, oligosaccharide or polysaccharide having rhamnose as a sugar moiety thereof.
49. (New) The method of claim 43 wherein the extract is also treated to remove any aglycone therefrom.

50. (New) The method of claim 43 wherein essentially all the free sugars are removed from the extract by washing the extract with an aqueous solvent.
51. (New) The method of claim 49 wherein the aglycone is removed from the extract by washing the preparation with a chlorinated hydrocarbon solvent.
52. (New) A method of claim 51 wherein chlorinated hydrocarbon is chloroform.
53. (New) The method of claim 43 wherein a time period of at least about 7 days has elapsed between the extraction and removal steps.
54. (New) A glycoalkaloid preparation produced according to the method of claim 43.
55. (New) A medicinal composition comprising a glycoalkaloid preparation according to claim 54 and a pharmaceutically acceptable carrier, adjuvant, excipient and/or diluent.
56. (New) The composition of claim 55, wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
57. (New) The composition of claim 55, wherein the at least one glycoalkaloid is BEC.
58. (New) The composition of claim 55 in a form suitable for topical administration.
59. (New) The composition of claim 55, which includes between at least about 0.001% to about 5% wt of the at least one glycoalkaloid.
60. (New) The composition of claim 55, which is in a form suitable for administration by injection.

61. (New) The composition of claim 60, which includes a liquid carrier selected from the group consisting of DMSO, acetic acid and lactic acid.
62. (New) The composition of claim 55, which includes a stabilizing agent for stabilizing the at least one glycoalkaloid.
63. (New) A method for the treatment or control of cancer in a mammal requiring such treatment, the method comprising administering to said mammal an effective amount of the medicinal composition of claim 55.